

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Cancelled)
2. (Currently Amended) ~~The A~~ elevator destination floor display unit ~~according to Claim 1~~ ~~installed in a boarding area or in a passenger car of an elevator,~~ comprising:
 - a display portion having a screen for selectively displaying destination floor representations related to all floors;
 - a display control portion that arranges and displays, in a matrix form, only destination floor representations of destination floors registered on the screen;
 - registered destination floor confirming means for confirming whether information on a newly registered destination floor is included in information on registered destination floors which is transmitted from an elevator control unit, and for confirming whether information on a newly de-registered destination floor is included in the information on the registered destination floors; and
 - destination floor display position calculating means for calculating, when information on a newly registered destination floor is included, display positions of the registered destination floors on the screen in accordance with a predetermined sequence, and for calculating, when information on a newly de-registered destination floor is included, display positions of destination floor representations of registered destination floors, other than the de-registered destination floor, on the screen in accordance with a predetermined sequence so that a destination floor representation of the de-registered destination floor is deleted, wherein the display control portion displays the destination floor representations at the display positions on the screen that have been calculated.

3. (Previously Presented) The elevator destination floor display unit according to Claim 2, wherein the destination floor display position calculating means calculates display positions of destination floor representations of the registered destination floors so that those destination floor representations are arranged in a lower floor to higher floor sequence or in a higher floor to lower floor sequence.

4. (Currently Amended) The elevator destination floor display unit according to Claim 2, wherein the destination floor display position calculating means calculates display positions of two adjacently displayed destination floor representations such that a gap therebetween differs depending on ~~a~~ distance between the two destination floors, related to the two destination floor representations, ~~or calculates display positions of the two destination floor representations so that a representation indicating a degree of remoteness or proximity is inserted between the two destination floor representations.~~

5. (Currently Amended) ~~The A~~ elevator destination floor display unit according to ~~Claim 1~~ installed in a boarding area or in a passenger car of an elevator, comprising:

a display portion having a screen for selectively displaying destination floor representations related to all floors;

a display control portion that arranges and displays, in a matrix form, only destination floor representations of destination floors registered on the screen;

a touch panel sensor that is disposed in front of a screen of the display portion and, when touched, selects a destination floor representation superposed on a touched position on the screen; and

registration cancellation request means for requesting the elevator control unit to cancel registration of a registered destination floor relating to a destination floor representation selected by touching the touch panel sensor.

6. (Previously Presented) The elevator destination floor display unit according to Claim 5, wherein the registration cancellation request means requests the elevator control unit to cancel a registration of a registered destination floor relating to a destination floor representation selected by intermittently touching the touch panel sensor twice.

7. (Currently Amended) The elevator destination floor display unit according to Claim ~~4-2~~, wherein the display portion comprises a registration display portion that displays information related to a registered floor which is input to register a destination floor.

8. (New) The elevator destination floor display unit according to Claim 2, wherein the destination floor display position calculating means calculates display positions of two adjacently displayed destination floor representations so that a representation indicating degree of remoteness or proximity is inserted between the two destination floor representations.

9. (New) The elevator destination floor display unit according to Claim 5, wherein the display portion comprises a registration display portion that displays information related to a registered floor which is input to register a destination floor.